

# Work Order ID 69167

Tuesday, May 03, 2011 1:45:41 PM

Page 1

Item ID: D350-794-041

Accept

Revision ID:

Item Name: Tank Assembly

Start Date: 5/3/2011 Start Qty: 1.00

Required Date: 5/4/2011 Req'd Qty: 1.00

Reference:

Approvals: Process Plan: MF Date: 11-05-03 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Setup Start

Stop

Run Start

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
IIN-D350-794	C

100	DOCUMENT CONTROL	0.00							
DC	Memo	0.00							
Document Control	Photocopy bluefile & type labels per PPPD350-794-041		CHG001						

110	Pick Kit	0.00							
Packaging	Memo	0.00							
Packaging									

120	QC4- 100% Inspect kits for completeness	0.00							
QC	Memo	0.00							
Quality Control									

6/4/03 (1)

(9)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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NOTE: Date & initial all entries

**Work Order ID 69167**

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Page 2

Item ID: D350-794-041

Accept



Setup Start



Revision ID:

Stop



Item Name: Tank Assembly

Start Date: 5/3/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 5/4/2011 Req'd Qty: 1.00



Customer:

Reference:

Run Start



Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Stop



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

0.00



Packaging

Packaging

Memo

0.00

Identify and pack for shipping as per PPPD350-794-041

Location: \_\_\_\_\_

PPP Rev: \_\_\_\_\_

140

0.00



QC

QC21- Final Inspection - Work Order Release

Memo

0.00

Quality Control

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# Picklist Print

Tuesday, May 03, 2011 1:45:32 PM

Page 1

Work Order ID: 69167

Parent Item: D350-794-041

Parent Item Name: Tank Assembly



Start Date: 5/3/2011

Required Date: 5/4/2011

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 10.05.17 ECN10-562 DD verf:  
10.11.18 updated pick list EC verified by: DD

IPP Rev B

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

AN816-6D



Nipple-M-6Flare -1/4NPT

Purchased

No

Each

2.0000

1

Location

Loc Qty

Loc Code

ST330

2

17546

2

D4055-041



Fuel Tank Assembly

Manufactured

No

110

Each

0.0000

1

D4002-041



Aux Tank Drain Hose Assembly, Fwd

Manufactured

No

110

Each

5.0000

1

Location

Loc Qty

Loc Code

ST193

5

64017

1

67693

4

D4002-043



Aux Tank Drain Hose Assembly, Aft

Manufactured

No

110

Each

6.0000

1

Location

Loc Qty

Loc Code

ST193

6

59702

2

67692

4

17546

7/10/12 Mc Pro →

Please see last page

sendling new worthy aux tank

64017

1

6/11/12 30

59702

Dart Aerospace Ltd

W/O: 69167		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
11/05/05	#100	Send in non Airworthy (Proto type) tank for "mock up" use only. to be returned on RA _____ D4055-041 to be sent on later Date. on D350-794-021 B 69214					8 11/05/05

Part No: D350-794-041 PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Parent Item Name: Tank Assembly

Start Date: 5/3/2011

Required Date: 5/4/2011

Start Qty: 1.00

Required Qty: 1.00

MS20822-3D

Purchased

No

110

Each

8.0000

2

2



Elbow

Location

Loc Qty

Loc Code

ST299

8

117519

8

MS20822-8D

Purchased

No

110

Each

7.0000

1

1



Elbow-90M-1/2Flare-3/8NP

Location

Loc Qty

Loc Code

ST299

7

116583

7

D4009-041

Manufactured

No

110

Each

4.0000

2



Bonding Braid

Location

Loc Qty

Loc Code

ST109

4

67606

4

TBA288

Purchased

No

110

Each

0.0000

3

3



Cable Tie Fastener

TY25MX

Purchased

No

110

Each

900.0000

1

1



Tie Wrap

Location

Loc Qty

Loc Code

ST380

900

115695

900

Tuesday, May 03, 2011 1:45:33 PM

Shop Packet Print

Page 2

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## Melanie Fauteux

---

**From:** Marc Bellavance <mbellavance@dartaero.com>  
**Sent:** Wednesday, May 04, 2011 4:06 PM  
**To:** 'David Shepherd'; 'Peggy McDonald'  
**Cc:** 'Linda Lacelle'; 'Melanie Fauteux'; 'Sian Willems'; 'Linda Pilon'  
**Subject:** RE: DART EC130 Aux Tank delivery  
**Attachments:** image001.jpg

Well... Maybe... But early this afternoon we did not get good news from our supplier with their manufacture being closed all week due to the Royal wedding...

I feel like we will have to source this somewhere else and/or go with something different.

Marc Bellavance  
Technical/Shop Support

**DART** aerospace Ltd.

Tel: 613-632-5200 Ext. 243

Cel: 613-676-0992

Fax: 613-632-9311

E-mail: [mbellavance@dartaero.com](mailto:mbellavance@dartaero.com)

Web: [www.dartaero.com](http://www.dartaero.com)

**Product Documentation: Verify Revision Status/Download [HERE!](#)**



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---

**From:** David Shepherd [mailto:dshepherd@dartaero.com]  
**Sent:** May 4, 2011 4:00 PM  
**To:** 'Marc Bellavance'; 'Peggy McDonald'  
**Cc:** 'Linda Lacelle'; 'Melanie Fauteux'; 'Sian Willems'; 'Linda Pilon'  
**Subject:** RE: DART EC130 Aux Tank delivery

---

Marc,

After all this, all I can say is that we BETTER make July 8<sup>th</sup>, which is what we originally promised for compatability with the Spacepods.

If we can ship the tank earlier than that, I think we should ... From this morning's discussion, seems like we could ship the tank itself within the month?

David

---

**From:** Marc Bellavance [mailto:mbellavance@dartaero.com]  
**Sent:** Wednesday, May 04, 2011 1:45 PM  
**To:** 'Peggy McDonald'  
**Cc:** 'Linda Lacelle'; 'David Shepherd'; 'Melanie Fauteux'; 'Sian Willems'; 'Linda Pilon'  
**Subject:** RE: DART EC130 Aux Tank delivery

W/O:		WORK ORDER CHANGES					
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Awesome!

Melanie,  
When can we have this in the *DART* truck ready to go?

David,  
We originally said that the DSI Kit would be ready 3 months after reception of the purchase order. It's my understanding that a month already went by.  
Does the week of July 8 sounds good for delivery of the DSI kit and the new tank?

Thanks,

**Marc Bellavance**  
**Technical/Shop Support**

***DART*** aerospace Ltd.

Tel: 613-632-5200 Ext. 243

Cel: 613-676-0992

Fax: 613-632-9311

E-mail: [mbellavance@dartaero.com](mailto:mbellavance@dartaero.com)

Web: [www.dartaero.com](http://www.dartaero.com)

**Product Documentation: Verify Revision Status/Download [HERE!](#)**



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---

**From:** Peggy McDonald [mailto:[peggy@darths.com](mailto:peggy@darths.com)]  
**Sent:** May 4, 2011 3:31 PM  
**To:** Marc Bellavance  
**Cc:** Linda Lacelle; David Shepherd; Melanie Fauteux; Sian Willems; Linda Pilon  
**Subject:** FW: DART EC130 Aux Tank delivery  
**Importance:** High

Hi Marc,

~~Looks like we can proceed with the HAI Aux tank for reference only and provisions kit for PO 9881. I would recommend that if possible you personally deliver the parts to Pat in Mirabel.~~

Please advise when this can be done and we will advise Pat and confirm that the suggested delivery is acceptable.

We will then have a back order for an Ec130 tank and whatever it takes to be compatible with the DART Spacepods. It would also be helpful to have a forecasted date for the backorder parts and DSI so we have this in an email to Pat to avoid future surprises.

Thanks for everyone's efforts  
peggy

---

**From:** Patrice Chaput [mailto:[patrice.chaput@mirabelhelisupport.com](mailto:patrice.chaput@mirabelhelisupport.com)]  
**Sent:** May 4, 2011 2:52 PM

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries

**To:** Peggy McDonald  
**Subject:** RE: DART EC130 Aux Tank delivery

Hello Peggy,

I just received a call from M. Pelletier, he will go forward for the installation of the aux tank.  
Let us know when this can be ship, we would communicate with Marc when we would be done with the installation so he could take his measurement for the bracket.

Regards,  
Pat.

---

**From:** Peggy McDonald  
**Sent:** April 29, 2011 5:49 PM  
**To:** 'patrice.chaput@mirabelhelisupport.com'  
**Cc:** 'Lacelle, Linda'; 'Marc Bellavance'; 'David Shepherd'; Linda Pilon  
**Subject:** DART EC130 Aux Tank delivery  
**Importance:** High

Dear Patrice,

Thank you for your patience as we work through the modifications to the EC130 Aux Tank. We appreciate your continued support and assistance.

In addition to the compatibility issue with the DART Spacepods, it was recently brought to our attention that the EC130 tanks being manufactured by DART could not be filled with the advertised 152 liters of fuel.

A few design changes were implemented when DART purchased this STC from the original manufacturer in Australia. Due to long lead-times, one of those changes was an alternate filler cap. When this fuel capacity problem was discovered, production of EC130 aux tanks was stopped, until an alternate filler cap could be sourced. It is my understanding that DART is very close to finding a solution to eliminate the problem and will begin production of the EC130 aux tanks again soon. These design /production delays will impact the delivery of your kit.

DART Engineering did not have a clear understanding that the aircraft was being delivered to Mr Pelletier on Friday, May 06. We apologize for any inconvenience this may cause.

I would like to make the following recommendations;

- ~~? DART will reimburse the customer the full amount paid for the Aux Tank until we have these issues resolved.~~
- ? On Wednesday, May 04, we will delivery to you the EC130 Aux Tank Provisions Kit for installation and a "non-airworthy tank" as reference for that installation.
  - ? Early the following week and upon completing the installation of the provisions kit, we will co-ordinate a visit from our Engineering team to determine the modifications required for compatibility with the DART Spacepods.
  - ? The Engineer will leave with the data gathered and the "non-airworthy tank".
  - ? Within 2 months of this Engineering visit and within 3 months from receiving Mr. Pelletier's authorization to proceed with the order, we will deliver an airworthy EC130 Aux Tank to be installed on the aircraft with the DART Spacepods.

I trust this is an acceptable solution for you and Mr. Pelletier.

Warm regards  
Peggy McDonald

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**Peggy McDonald**

DART Helicopter Services  
Director of World Wide Sales  
(613) 632-3336 Work  
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(613) 632-4443 Fax  
peggy@darths.com  
352 Main St. West, Suite 103  
Hawkesbury, Ontario K6A 2H8  
www.darthelicopterservices.com

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